

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	10/618,513	OWEN ET AL.
	Examiner Pramila Parthasarathy	Art Unit 2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to Pre-Appeal brief request filed on 7/19/2005.
2.  The allowed claim(s) is/are 1-11, 13-20, 30, 32-40, 42-50 and 52-59.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.



AYAZ SHEIKH

SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

**DETAILED ACTION**

1. The text of those sections of Title 35 U.S.C. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
3. Claims 1 – 59 are pending.

***Response to Pre-Appeal brief Arguments***

4. Applicant's pre-appeal brief arguments filed on July 19, 2005 have been fully considered and they are persuasive.

***Allowable Subject Matter***

5. Claims 1 – 11, 13 – 20, 30, 32 – 40, 42 – 50 and 52 – 59 are allowed.

6. Park et al. (US publication number: 2004/0024812 A1) disclose a method for integrating and processing multimedia content including dynamic data in real-time. The method includes the steps of generating a repository including a content repository for integrating a plurality of static and dynamic content, receiving a request content request from a web server and fetching a container corresponding to the content request from the content repository, accessing dynamic content using dynamic content access information included in the fetched container and integrating the one or more dynamic content with static content in real time and converting the dynamic content according to an output format conversion rule fetched from the converter object repository to transmit the result of conversion to the web server for the delivery to the device.

7. The following is an examiner's statement of reasons for allowance: The Admitted prior art does not disclose, teach or suggest "providing credential information to each one of said plurality of content repositories; receiving authorization information from each one of said plurality of content repositories, wherein the authorization information indicates whether or not an authorization procedures succeeded; and the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository", as described in pre-appeal brief filed on July 19, 2005 and as recited in independent Claims 1, 11, 30, 40 and 50.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

9. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with, Paul Durdik registration number 37,819 on October 13, 2005.

IN THE CLAIMS:

1. (Amended) A method for integrating a plurality of content repositories into a virtual content repository (VCR), comprising:
  - providing credential information to each one of said plurality of content repositories;
  - receiving authorization information from each one of said plurality of content repositories, wherein the authorization information indicates whether or not an authorization procedure succeeded;
  - integrating into the VCR each one of said plurality of content repositories whose authorization information indicates successful authorization;
  - wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR; and
  - wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository.
  
11. (Amended) A method for integrating a plurality of content repositories into a virtual content repository (VCR), comprising:
  - providing credential information to each one of said plurality of content repositories;
  - receiving authorization information from each one of said plurality of content repositories;
  - authorizing each one of said plurality of content repositories;

incorporating each one of said plurality of content repositories into a hierarchical namespace;

extending a content model to include content from each one of said plurality of content repositories;

wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR; and

wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository.

12. (Canceled)

13. (Amended) The method of claim 11 wherein:  
the credential information includes a username and a password.

14. (Amended) The method of claim 11 wherein:  
the credential information is based on Java Authentication and Authorization Service (JAAS).

15. (Amended) The method of claim 11 wherein:  
the first set of services accepts the credential information.

16. (Amended) The method of claim 11 wherein:  
the first set of services provides the authorization information.

21 – 29. (Canceled)

30. (Amended) A system comprising:

means for providing credential information to each one of said plurality of content repositories;

means for receiving authorization information from each one of said plurality of content repositories;

means for authorizing each one of a plurality of content repositories;

means for incorporating each one of said plurality of content repositories into a hierarchical namespace;

means for extending a content model to include content from each one of said plurality of content repositories;

wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR.

31. (Canceled)

32. (Amended) The method of claim 30 wherein:

the credential information includes a username and a password.

33. (Amended) The method of claim 30 wherein:

the credential information is based on Java Authentication and Authorization Service (JAAS).

34. (Amended) The method of claim 30 wherein:

the first set of services accepts the credential information.

35. (Amended) The method of claim 30 wherein:  
the first set of services provides the authorization information.

40. (Amended) A machine readable medium having instructions stored thereon that when executed by a processor cause a system to:  
providing credential information to each one of said plurality of content repositories;  
receiving authorization information from each one of said plurality of content repositories;  
authorizing each one of a plurality of content repositories;  
incorporating each one of said plurality of content repositories into a hierarchical namespace;  
extending a content model to include content from each one of said plurality of content repositories;  
wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into the VCR; and  
wherein the VCR is a logical representation of the plurality of content repositories such that the plurality of content repositories behave as a single content repository.

41. (Canceled)

42. (Amended) The machine readable medium of claim 40 wherein:  
the credential information includes a username and a password.

43. (Amended) The machine readable medium of claim 40 wherein:  
the credential information is based on Java Authentication and Authorization Service (JAAS).
44. (Amended) The machine readable medium of claim 40 wherein:  
the first set of services accepts the credential information.
45. (Amended) The machine readable medium of claim 40 wherein:  
the first set of services provides the authorization information.

50. (Amended) A computer data signal embodied in a transmission medium comprising:

a code segment including instructions to provide credential information to each one of said plurality of content repositories;

receiving authorization information from each one of said plurality of content repositories;

a code segment including instructions to authorize each one of said plurality of content repositories;

a code segment including instructions to incorporate each one of said plurality of content repositories into a hierarchical namespace;

a code segment including instructions to extend a content model to include content from each one of said plurality of content repositories;

wherein each one of said plurality of content repositories exposes a first set of services to enable its integration into a virtual content repository (VCR); and

wherein the VCR is a logical representation of the plurality of content repositories  
such that the plurality of content repositories behave as a single content repository.

51. (Canceled)
52. (Amended) The computer data signal of claim 50 wherein:  
the credential information includes a username and a password.
53. (Amended) The computer data signal of claim 50 wherein:  
the credential information is based on Java Authentication and Authorization Service (JAAS).
54. (Amended) The computer data signal of claim 50 wherein:  
the first set of services accepts the credential information.
55. (Amended) The computer data signal of claim 50 wherein:  
the first set of services provides the authorization information.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on Tuesday – Thursday 8:00a.m. To 3:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-232-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy  
October 16, 2005.

  
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